

Applicant: Hwa-Soo HWANG
Application No.:10/564,906

REMARKS/ARGUMENTS

After the foregoing Amendment, claims 1-12 are currently pending in this application. Claims 1, 6, and 10-12 have been amended. Applicant submits that no new matter has been introduced into the application by these amendments.

Claim Rejections - 35 USC §103(a)

Claims 1 – 12 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,290,713 to Russell (hereinafter “Russell”) in view of U.S. Patent No. 6,967,309 to Wyatt et al. (hereinafter “Wyatt”).

With respect to claim 1, Russell and Wyatt fail to teach a band comprising silver attached to one surface of a sheet member to transfer a human current generated around an affected part of a human body to the affected part of the human body, and an optical fiber to transfer light waves generated around the affected part of the human body to the affected part of the human body.

Russell discloses an illuminator for phototherapy. The illuminator of Russell is for delivering external lights, such as lights generated by light emitting diodes (LEDs), to the skin of human body. Russell provides an internal cooling system for preventing significant amount of heat that the LEDs generate from harming the patient; (see column 3 line 66-column 4 line 1). Russell fails to disclose transferring a human current generated around an affected part of a human body to the affected

Applicant: Hwa-Soo HWANG
Application No.:10/564,906

part of the human body, and transferring light waves generated around the affected part of the human body to the affected part of the human body.

Wyatt discloses a warming system to warm up the patient during medical operations. The warming system of Wyatt includes a pad with an embedded heating element. The heating element is for generating heat using the external electric power. As shown in Figures 4-6, as an example, the external electric power is supplied to the heating element via a power cord. Wyatt fails to disclose transferring a human current generated around an affected part of a human body to the affected part of the human body, and transferring light waves generated around the affected part of the human body to the affected part of the human body.

Wyatt discloses using silver as a conductive strand in the patient warming system. However, the silver in Wyatt is used for heat generation, not for transferring a human current generated around an affected part of a human body to the affected part of the human body. The silver in claim 1 is not intended to generate or transfer heat.

The lights delivered to the human skin in Russell, and the electrical power delivered to the heating element in Wyatt are both coming from external sources. In contrast, in claim 1, the currents and lights delivered to the affected part of the human body are the currents and lights generated around the affected part of the human body. Both Russell and Wyatt fail to teach this feature. Therefore, claim 1 and its dependent claims are not obvious over Russell and Wyatt.

Applicant: Hwa-Soo HWANG
Application No.:10/564,906

Based on the arguments presented above, withdrawal of the § 103(a) rejection of claims 1 – 12 is respectfully requested.

Conclusion

If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephone interview will help to materially advance the prosecution of this application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

In view of the foregoing amendment and remarks, Applicants respectfully submit that the present application, including claims 1 - 12, is in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

Hwa-Soo HWANG

By /Yong Beom Hwang/
Yong Beom Hwang
Registration No. 61,373

Volpe and Koenig, P.C.
United Plaza
30 South 17th Street
Philadelphia, PA 19103-4009
Telephone: (215) 568-6400
Facsimile: (215) 568-6499
YBH/srp